

CLIMATOLOGICAL TABLE

STATION Madras (Chinnabakam) LAT. 13 00' N. LONG. 80 11' E. HEIGHT ABOVE M.S.L. 16 METRES. BASED ON OBSERVATIONS FROM 1931 TO 1960.

MONTH	STATION LEVEL PRESSURE	AIR TEMPERATURE								HUMIDITY		CLOUD AMOUNT		RAINFALL						MEAN WIND SPEED			
		MEAN (OF)						EXTREMES						MONTHLY TOTAL	No OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR				
		DRY- BULB	WET- BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	DATE AND YEAR	DATE AND YEAR														
		°C	°C	°C	°C	°C	°C	HIGHEST	LOWEST	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS	mm	mm	mm	mm	Km. p.h.					
JANUARY	I	1013.6	23.5	21.3	26.8	20.3	30.3	18.1	32.8	31	13.9	29	83	23.6	3.6	1.9	23.8	1.4	244.1	0	212.9	15	9.0
	II	1010.5	26.2	21.9					1894	1905			67	22.9	3.4	1.7			1915			1915	
FEBRUARY	I	1012.2	24.7	22.1	30.6	21.1	32.7	18.3	36.7	18	15.0	12	80	24.4	3.0	1.3	6.3	0.6	162.8	0	123.2	5	9.2
	II	1009.0	27.5	22.5					1927	1934			63	23.2	2.5	0.8			1929			1909	
MARCH	I	1010.6	27.1	23.8	32.7	23.1	35.1	20.0	40.6	29	16.7	9	77	26.9	2.7	1.4	15.1	0.7	262.6	0	88.1	5	10.2
	II	1007.1	29.4	24.3					1953	1956			64	26.2	1.9	0.4			1944			1944	
APRIL	I	1008.4	29.9	25.8	34.9	26.0	38.0	23.0	42.8	27	20.0	3	72	29.9	4.2	2.1	24.7	1.2	191.0	0	96.3	2	10.5
	II	1004.3	31.0	26.4					1908	1959			68	30.6	3.1	0.4			1909			1945	
MAY	I	1004.5	31.5	25.9	37.6	27.8	41.2	24.6	45.0	21	21.1	14	63	29.0	4.5	1.1	51.7	1.5	389.4	0	214.9	17	13.0
	II	1000.9	32.4	27.2					1910	1886			66	32.0	4.4	1.0			1952			1943	
JUNE	I	1003.5	31.0	24.4	37.3	27.5	40.3	23.9	43.3	3	20.6	16	58	25.4	5.8	0.5	52.6	4.0	194.8	3.3	59.2	27	16.4
	II	999.9	32.8	26.3					1948	1909			59	28.3	6.4	2.7			1886	1913		1951	
JULY	I	1004.2	29.3	24.1	35.2	26.3	37.8	23.2	41.1	4	21.7	9	65	26.2	6.6	0.8	83.5	6.5	265.7	15.0	116.3	28	14.6
	II	1000.7	31.5	25.5					1915	1947			61	27.7	7.1	3.0			1954	1885		1910	
AUGUST	I	1004.9	28.8	24.3	34.5	25.8	37.1	22.7	40.0	5	20.6	22	69	26.9	6.1	0.7	124.3	8.4	336.3	18.3	91.7	28	13.6
	II	1001.1	31.1	25.6					1918	1935			64	28.4	6.2	2.8			1894	1913		1950	
SEPTEMBER	I	1006.3	28.6	24.5	33.9	25.4	36.3	22.8	38.9	19	20.6	15	73	27.8	5.0	1.1	118.0	7.3	279.7	11.9	100.3	18	11.1
	II	1002.4	30.3	25.8					1883	1884			69	29.7	5.8	2.1			1897	1920		1881	
OCTOBER	I	1008.5	27.6	24.7	31.8	24.4	35.1	21.9	39.4	1	16.7	28	81	29.1	5.3	1.7	267.0	10.0	891.8	11.2	233.7	31	9.2
	II	1005.3	28.6	25.3					1920	1889			76	29.5	5.8	1.9			1943	1918		1888	
NOVEMBER	I	1010.9	25.7	23.5	29.2	22.5	31.9	19.5	34.4	10	15.0	26	83	27.2	5.9	2.5	308.7	9.8	1088.4	5.1	236.2	16	11.7
	II	1008.1	26.6	23.5					1952	1901			76	26.4	5.4	2.3			1918	1904		1922	
DECEMBER	I	1012.9	24.1	22.0	28.2	21.0	29.7	18.4	32.8	5	13.9	11	84	24.5	4.6	2.5	139.1	5.1	699.3	0.3	261.6	10	12.6
	II	1010.0	25.7	22.1					1909	1895			71	23.5	4.7	2.4			1946	1920		1901	
ANNUAL TOTAL OR MEAN	I	1008.4	27.7	23.9	32.9	24.3	41.5	17.5	45.0	13.9			74	26.7	8	1.5	1215.3	56.6	2134.9	522.2	261.6		11.8
	II	1004.9	29.4	24.7									67	27.4	7	1.8			1943	1904			
NUMBER OF YEARS	I	30	30	30	30	30	30	30	80	80			30	30	30	20	30	30	80	80	80		30
	II	28	10	10									10	10	28	20							

STATION Madras (Minambakkam) contd.

MONTH	WEATHER PHENOMENA *						WIND												CLOUD												VISIBILITY*						
	NR OF DAYS WITH PRECIPITATION 0.3 mm. THUN- DUST OR MORE HAR. DER POS STORM SQUALL						NR OF DAYS WITH WIND SPEED (K.M.P.H.) GE OR MORE 20-41 1-19 0		PERCENTAGE NR OF DAYS OF WIND FROM N NE E SE S SW W NW CALM										NR OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) OKTAS 0 T-2 3-5 6-7 8						NR OF DAYS WITH LOW CLOUD AMOUNT OKTAS 0 T-2 3-5 6-7 8						NR OF DAYS WITH VISIBILITY UP TO 1 km. 1-4 km. 4-10 km. 10-20 km. OVER 20 km.						
JANUARY	I	3	0	0.2	0.8	0	0.1	0	4	27	0	18	16	8	2	0	2	12	40	2	3	10	8	7	3	6	17	7	1	0	0	0.1	2	7	15	7	
	II							0	9	22	0	19	57	27	7	0	0	0	0	0	3	12	7	6	3	5	17	8	1	0	0	0	0	0.7	12	18	
FEBRUARY	I	1.4	0	0.3	0.7	0	0	0	1	26	1	7	5	9	6	4	12	26	28	3	5	10	6	5	2	10	14	3	1	0	0	0.1	1.5	10	12	5	
	II							0	6	22	0	1	26	37	32	4	0	0	0	0	7	10	5	5	1	14	11	2	1	0	0	0	0	0.3	10	18	
MARCH	I	1.0	0	0.7	0.3	0	0.3	0	1	29	1	3	2	4	66	18	28	26	11	2	6	12	7	5	1	9	16	5	1	0	0	0	1.0	7	15	8	
	II							0	10	21	0	0	5	27	57	10	0	0	0	1	12	10	4	4	1	20	10	1	0	0	0	0	0.1	1.8	9	20	
APRIL	I	1.7	0	2	0.1	0	0.6	0	4	25	1	1	1	2	10	36	35	9	4	2	2	8	9	9	2	5	14	9	2	0	0	0	0.2	1.7	12	16	
	II							0	13	17	0	0	1	13	70	15	1	0	0	0	6	10	6	6	2	17	12	1	0	0	0	0	0.1	0.3	9	21	
MAY	I	3	0	3	0	0.2	1.2	0	9	22	0	2	2	1	6	34	33	18	3	1	2	7	8	9	5	16	9	5	1	0	0	0	0.3	1.4	10	19	
	II							0	16	15	0	1	2	7	61	24	3	1	1	0	2	9	6	8	6	12	15	3	1	0	0	0.1	0.5	0.6	10	20	
JUNE	I	9	0	5	0	0.1	1.0	0	14	16	0	0	0	0	1	5	35	53	5	1	0	4	5	11	10	23	6	1	0	0	0	0	0	0.9	9	20	
	II							0	13	17	0	1	1	8	45	22	8	11	4	0	0	2	4	11	13	2	14	9	4	1	0	0	0.2	1.0	10	19	
JULY	I	14	0	5	0	0	3	0	9	22	0	0	0	0	1	5	36	52	5	1	0	2	4	10	15	20	8	3	0	0	0	0	0.2	1.4	10	19	
	II							0	11	20	0	1	2	7	39	15	13	19	4	0	0	1	3	9	18	2	14	11	4	0	0	0	0.3	1.2	9	20	
AUGUST	I	15	0	7	0	0	1.5	0	7	24	0	1	0	0	1	6	37	49	5	1	0	4	5	10	12	19	0	3	0	0	0	0	0.5	1.7	11	18	
	II							0	9	22	0	2	2	11	42	15	9	13	5	1	0	2	4	11	14	3	14	10	4	0	0	0	0.1	1.4	9	20	
SEPTEMBER	I	11	0	8	0	0	1.2	0	6	24	0	1	0	0	1	6	37	46	8	1	0	5	5	11	9	15	11	3	1	0	0	0	0.5	1.5	10	18	
	II							0	6	24	0	1	2	17	43	11	8	10	6	2	0	5	4	10	11	3	17	7	3	0	0	0	0.1	0.9	9	20	
OCTOBER	I	14	0	9	0.4	0	1.5	0	3	27	1	8	2	3	1	5	21	31	25	4	1	6	6	10	8	8	14	7	2	0	0	0	0.8	3	13	14	
	II							0	6	24	1	11	22	24	24	6	3	3	6	1	1	5	4	11	10	4	19	6	2	0	0	0	0.7	1.6	11	18	
NOVEMBER	I	11	0	3	0.1	0	0.6	0	6	23	1	24	16	8	3	1	2	11	34	1	1	6	6	9	8	5	13	8	3	1	0	0.2	1.6	4	13	11	
	II							0	11	19	0	29	45	11	7	1	0	1	3	1	1	6	5	8	10	4	14	9	2	1	0	0.1	0.9	3	11	15	
DECEMBER	I	7	0	0.5	0.4	0	0.1	0	7	24	0	29	18	5	1	0	0	5	42	0	1	8	7	9	6	4	15	7	4	1	0	0.1	1.5	6	15	9	
	II							0	14	17	0	30	53	13	1	0	0	0	3	0	1	8	6	9	7	4	15	10	2	0	0	0	0.6	1.9	13	16	
	I	91	0	44	3	0.3	11	0	71	289	5	8	5	3	3	10	23	28	18	2	21	82	76	105	81	140	146	61	16	2	0	0.5	10	46	145	164	
	II							0	124	240	1	7	18	17	36	10	4	5	3	0	33	80	58	98	96	90	172	77	24	2	0	0.2	3	15	122	225	
	I	21						23		28										28						20						28					
	II	21						25		28										28						20						28					

* NR OF DAYS 2 AND ABOVE ARE GIVEN IN WHOLE NUMBERS.